

OBJECT MODEL TEMPLATE v0.3

OMTWG STATUS REPORT

12 June 1996

Bob Lutz
The Johns Hopkins University
Applied Physics Laboratory
(301)953-5000
Robert.Lutz@jhuapl.edu

OMT v0.3

Focus:

Resolution of open (OMT) technical issues as identified by the HLA protofederations.

Example Issues:

- Complex Datatypes**
- OMT Extensions for SOMs**
- Data Dictionary**
- Metadata**

OMT Restructuring

OMT: template for describing classes of information required of all HLA object models.

OMT Extensions: template for describing optional classes of information for HLA object models

FEDEP Model: a description of the process used to build and execute HLA federations.

OMT Use Cases: a series of case studies illustrating how the HLA FOM development process can be instantiated in varying communities of use.

OMT V0.3

Major New Features:

- **Foreword**
 - **Developmental Status**
 - **Related Documents**
- **Complex Datatype Table**
- **Enumerated Datatype Table**
- **Publish/Reflect capabilities for SOMs**
- **FOM/SOM Lexicon**

MAJOR MODS

OMT Extensions:

- **Roles in associations**
- **FOM/SOM Metadata**

FEDEP Model:

- **Fidelity characterization**
- **Tool use**

OMT Use Cases:

- **Make standalone**

OMT Security Extension

- **The issues of security management at the object level are too complex for inclusion in the OMT**
- **Security should be referenced in the OMT but addressed in a separate document**
 - ⇒ **“The OMT describes the structure for a federation operating in a system-high environment. Federations needing to exchange data across multiple security domains should see the OMT Security Extension and the FEDEP Model description in the HLA Technical Library.”**

OMT v1.0 STRATEGY

- **OMTWG-9 (19 June)**
 - Review Prot federation Feedback
 - Identify Open Issues
 - Assign Responsibilities
- **OMT 1.0 Draft (9 July)**
- **OMTWG-10 (11 July)**
- **AMG-13 (17-18 July)**
 - Deliver Draft OMT 1.0